

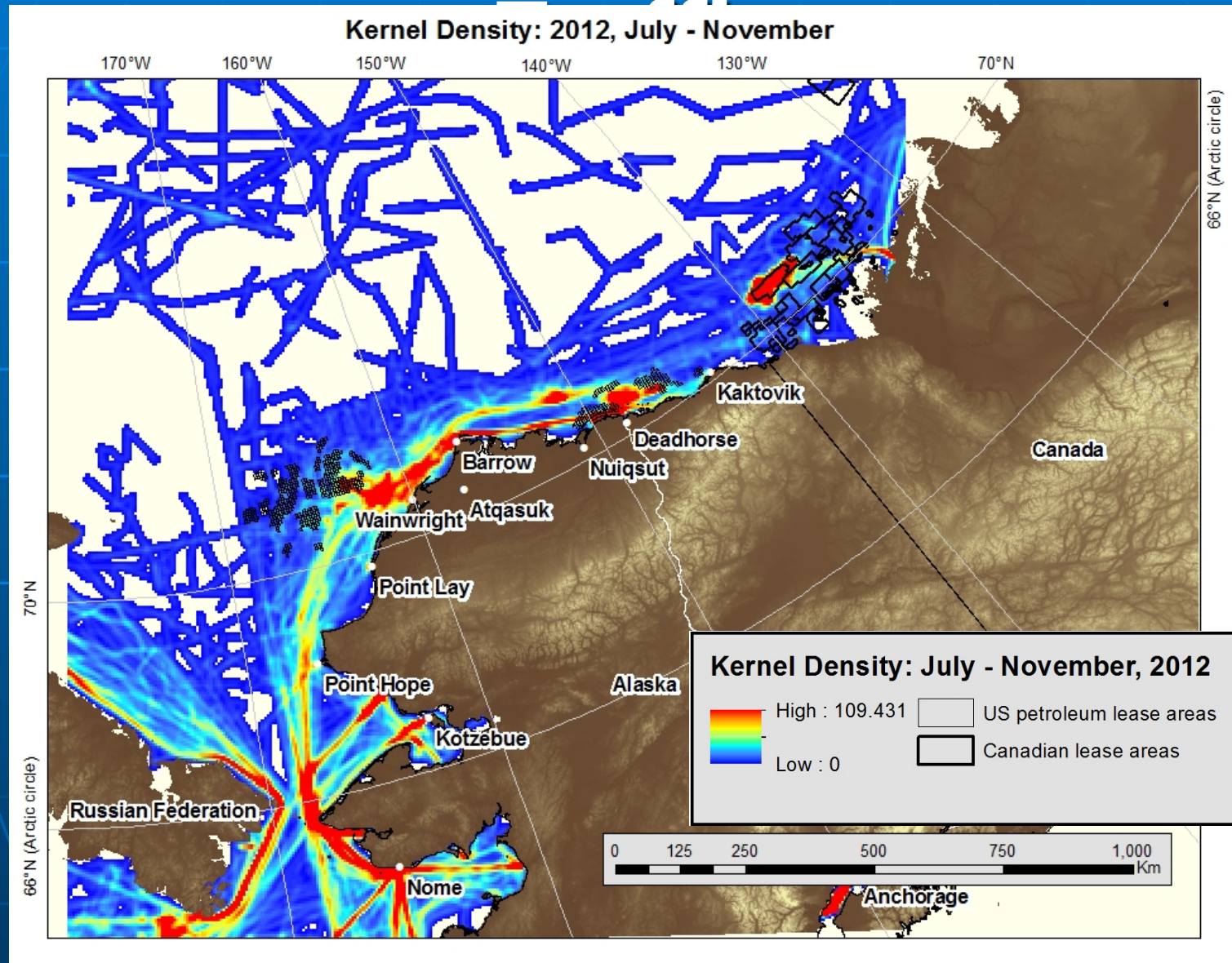


# **A 10-Year Projection of Maritime Activity in the US Arctic**

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U.S. Committee on the Marine Transportation System

# Review of Current U.S. Arctic



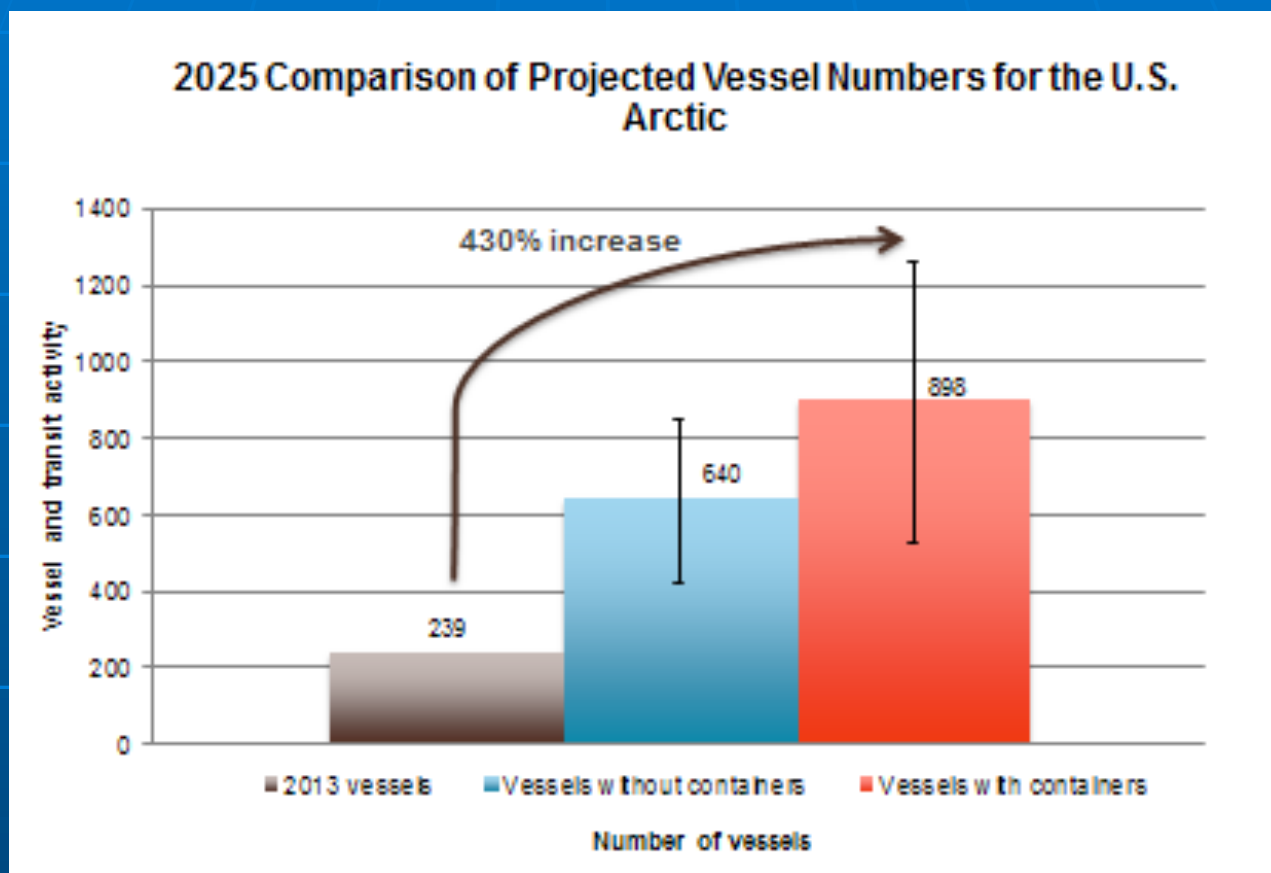
# **Economic Development Factors**

- 1. Business as usual growth**
- 2. Diversion from other routes**
- 3. Oil and gas exploration**

Assumption: Continued oil and gas exploration will increase vessel traffic

- Based on BOEM, NMFS, & industry projections
- Ranges from no growth (baseline 2011) to several exploration activities in the Beaufort and Chukchi in 2025
- Development scenarios were not included.

# Projection Scenarios:

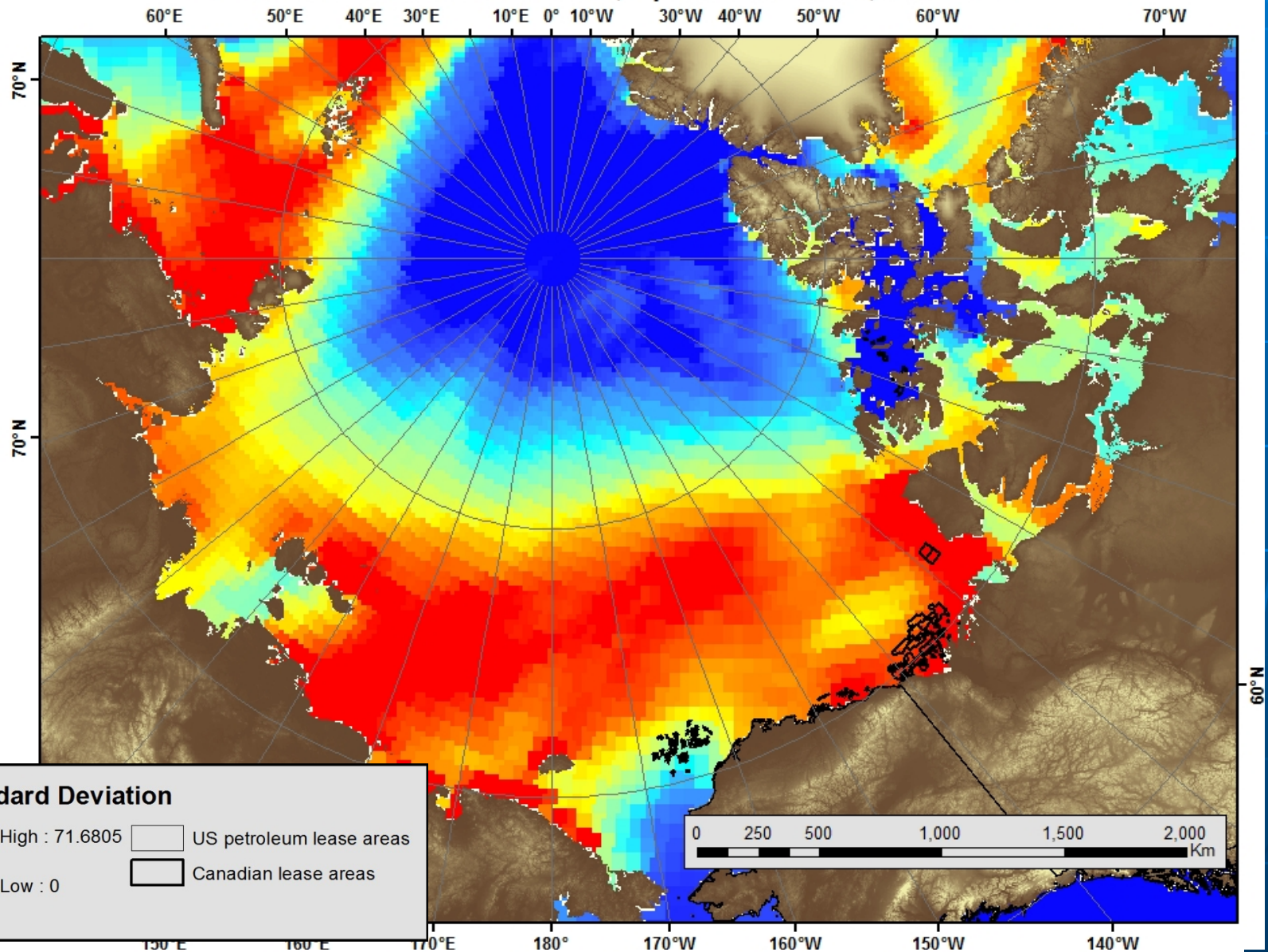


- Total number of vessels may be small relative to other larger shipping lanes
- Relative growth and potential impact could be significant



# Climate and Infrastructure

Standard Deviation: 2011 - 2030, Open Water Class, Model 4.5



# Summary and Next Steps

- **Wide range of potential growth for 2025**
  - 75-430% increase
  - 2000+ Bering Strait transits possible
- **Arctic routes accessible in summer months**
  - 100-150 days of possible access in 2025
  - Variability of access up to 70 days
- **Future NSAR Actions Assigned to CMTS**
  - Action 1.1.2:** 10-year prioritization framework to coordinate the phased development of Federal infrastructure identified by Departments and Agencies
  - Action 1.1.3:** Development of recommendations for Federal public-private partnerships



# Thank you

**Report available at: [www.CMTS.gov](http://www.CMTS.gov)**

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